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SUBMISSION OF SEQUENCE
LISTING UNDER 37 CFR §§1.821-1.825
Patent Application
Docket No. GJE-65

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Helen Rachel Crooke, Enda Elizabeth Clarke, Paul Howard Everest, Gordon Dougan, David William Holden, Jacqueline Elizabeth Shea, Robert Graham Feldman

Docket No. : GJE-65

For : Virulence Genes And Proteins, And Their Use

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

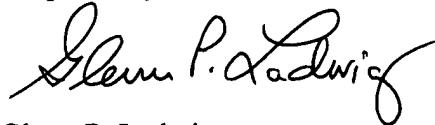
SUBMISSION OF SEQUENCE LISTING UNDER 37 CFR §§1.821-1.825

Sir:

Transmitted herewith is a Sequence Listing under 37 CFR §§1.821 through 1.825 for the above-identified patent application.

The sequence is submitted in computer readable format and on paper. I hereby certify that the paper and computer readable copies contain the same information and that no new material is added by this submission.

Respectfully submitted,



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Attachments: Sequence listing on paper; and computer readable format containing the same information as paper copy of Sequence Listing;